

CERES SCF STATUS

<i>Description</i>	<i>February 11, 2004 Status</i>	<i>Problems</i>																																		
SUN Upgrades	No new updates.																																			
SGI Upgrades	The System Administration team has discussed the effects of upgrading the SGI servers with the Technical Monitor. A final decision to upgrade the SGI servers during the "stand down" period planned around the Science Team Meeting has not been finalized at this time.																																			
Thunder, Lightning & Lanina	A disk failed on <i>lightning</i> sometime late Friday night or early Saturday morning. We were able to get the disk back online long enough to transfer the data from the clouds-a and sarb-a file systems thereby saving the time it would have taken to rebuild those areas - as they are disk partitions that are not backed up. The other partitions affected are inversion, inversion-3 and sarb. These partitions are being restore from backup due to the complete failure of the disk prior to transferring the data off.																																			
Security	This System Administration team is currently doing an internal security procedure review. Any concerns you may have can be addressed at the DMT meeting.																																			
Toolkit	<p>SA testing of the latest toolkit (TK 5.2.10v1) continues during this reporting period.</p> <p>Prior info:</p> <table><tr><td>Software</td><td>Version</td></tr><tr><td>-----</td><td>-----</td></tr><tr><td>HDF-EOS</td><td>2.9v1.00</td></tr><tr><td>HDF-EOS</td><td>5.1.5</td></tr><tr><td>HDF</td><td>4.1r5</td></tr><tr><td>HDF</td><td>5-1.4.4</td></tr><tr><td>SDPTK</td><td>5.2.9v1.00</td></tr></table> <table><tr><td>BRAND</td><td>COMPILER</td><td>ABI</td><td>ISA</td></tr><tr><td>-----</td><td>-----</td><td>----</td><td>-----</td></tr><tr><td>sgi</td><td>f95 (NAG)</td><td>64</td><td>mips4</td></tr><tr><td>sgi32</td><td>f90 (SGI)</td><td>n32</td><td>mips3</td></tr><tr><td>sgi64</td><td>f90 (SGI)</td><td>64</td><td>mips4</td></tr></table>	Software	Version	-----	-----	HDF-EOS	2.9v1.00	HDF-EOS	5.1.5	HDF	4.1r5	HDF	5-1.4.4	SDPTK	5.2.9v1.00	BRAND	COMPILER	ABI	ISA	-----	-----	----	-----	sgi	f95 (NAG)	64	mips4	sgi32	f90 (SGI)	n32	mips3	sgi64	f90 (SGI)	64	mips4	
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DMSS Transfer	No new updates.																																			

CERES SCF/DAAC Server Information

Server Name:	Asdsun	Blizzard	Thunder	Lightning	Lanina	Samantha¹	Warlock	Darrin
<i>System Type</i>	Sun Fire V880	Power Challenge	Origin 3800	Origin 3800	Origin 3800	Origin 2000	Origin 3800	Origin 2000
<i>Operating System</i>	Solaris 8	IRIX64 6.5.16m	IRIX64 6.5.16m	IRIX64 6.5.16m	IRIX64 6.5.16m	IRIX64 6.5.18m	IRIX64 6.5.17m	IRIX64 6.5.18m
<i>Fortran compilers</i>	SUNWspro 4.0	7.3.1.3m	7.3.1.3m	7.3.1.3m	7.3.1.3m	7.3.1.3m	7.3.1.3m	7.3.1.3m
<i>Toolkit (default)</i>	TK5.2.7v1	TK5.2.7v1	TK5.2.7v1	TK5.2.7v1	TK5.2.7v1		TK5.2.7v1	
<i>Toolkit (other)</i>			TK5.2.9v1	TK5.2.9v1	TK5.2.9v1		TK5.2.9v1	
<i>Ada</i>	N/A	1.3	1.3	1.3	1.3		1.3	1.3
<i>IDL</i>	5.6	5.5	5.5	5.5	5.5	5.5	5.5	5.3
<i>NAG fortran 95</i>	1.0(439)	1.0(428)	1.0(428)	1.0(428)	1.0(428)	Removed	1.0(428)	1.0(428)
<i>HDF</i>	4.1.r3	4.1.r3	4.1.r3	4.1.r3	4.1.r3		4.1.r3	
<i>Proposed upgrades</i>	None	None	None	None	None	None	None	
<i>Problems</i>	None	None	None	None	None	None	None	None

1. New *samantha* (previously *trance*).

2. Currently the SCF is not able to backup all data stored on the SCF servers. On the SCF SGI servers: *thunder*, *lightning* and *lanina* the partitions ending with an "-" followed by a numeric number are currently being backed up on a regular schedule. The partitions ending with an "-" followed by an alpha character are considered scratch space and are not being backed up. Any data stored on these non-backed up partitions should be considered recoverable or reproducible from other sources.

NOTES:

Systems *warlock* and *samantha2* were merged into one system (*warlock*) on Tuesday, August 19.

All CERES processing was transitioned to *warlock*.

Date last updated (server info chart only): **11/19/03**